

ABSTRACT

The dielectric ceramic material of the present invention is constituted from a solid solution of which dominant crystal phase is a perovskite crystal, and the perovskite crystal consists of complex oxide of at least Ba, Sr, Mg, W and rare earth element, and is preferably used for dielectric resonator since this dielectric ceramic material makes it possible to achieve a high values of ϵ_r and Q factor in a high frequency region, and decrease the absolute value of the temperature factor τ_f of resonant frequency.

10005179-120401